BRUHATH BENGALURU MAHANAGARA PALIKE

Executive Engineer Project Division Dasarahalli Zone.

SCHEDULE - B

Name of the work: Improvements of Mallasandra Govt school compound other devolopment works in Mallasandra ward no.13 Shettihalli Sub division.

Sl. No	Name of Work	Unit	Qty	Sanctioned Approved Rates	
1	2	3	4	5	6
1	Earth work excavation for foundation of building, culverts, water supply sanitary lines, and electrical conduits either pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m in depth including dressing bottom and sides of pits and trenches, stacking excavated soil clear from edges of excavation with lead up to 50m after breaking of clods complete as per specifications. Complete as per the direction of Engineer-in-Charge of the work	Cum	265.24	288.12	Rupees Two Hundred Eighty eight and Paise Twelve Only
2	Providing and laying in position plain cement concrete of mix 1;3;6 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, including cost of all materials, labour HOM of machinery curing complete as per specifications. Complete as per the direction of Engineer-in-Charge of the work	Cum	79.55	5449.68	Rupees Five Thousand Four Hundred Fourty nine and Paise Sixty eiht Only
3	Providing and Laying in position reinforced cement concrete of design mix M25 with OPC cement @ 320Kgs with 20mm and down size graded granite metal course aggregate @ 0.878cum and fine aggregate @ 0.459cum, with superplastisiser @ 3ltr confirming to IS 9103-1999 Reaffirming 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground level for roof slab, stairecase, lintels, retaining wall , return wall, wall (any thickness) including attahed plasters, column , piers, abutmentspillers, posts, struts, buttresses, string or laceing courses, parapets, coping, bed blocks, anchor hooks plain window cill, fillets, etc.., including cost of all materials, Labours, HOM of Machineries, curing complete as per specification. Complete as per the direction of Engineer-in-Charge of the work	Cum	29.31	6876.36	Rupees Six Thousand Eight Hundred Seventy Six and Paise Thirty Six Only
4	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square /rectangular / polygon in plan including cost of all materials, labour complete as per specification. Complete as per the direction of Engineer-in-Charge of the work	Sqm	373.94	395.28	Rupees Three Hundred Ninty five and Paise Twenty eight Only

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5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.. Complete as per the direction of Engineer-in-Charge of the work	~~Cum~~ Tons	4.16	65455.56	Rupees Six fiveThousand Four Hundred Fiftyfive and Paise Fifty Six Only
6	Providing and constructing granite / trap / basalt size stone masonry in Foundation with cement mortar 1 :6, and hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.. Complete as per the direction of Engineer-in-Charge of the work	Cum	32.15	4521.96	Rupees Three Hundred Sixteen and Paise Forty Four Only
7	Providing and constructing granite / trap / basalt size stone masonry in Basement with cement mortar 1 :6, and hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.. Complete as per the direction of Engineer-in-Charge of the work	Cum	66.66	5405.40	Rupees Sixtyfive Thousand Four Hundred Fifty Five and Paise Fifty Six Only
8	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.. Complete as per the direction of Engineer-in-Charge of the work	Sqm	172.68	105.84	Rupees Four Thousand Five Hundred Twenty One and Paise Ninety Six Only
9	Providing and constructing granite / trap / basalt size stone masonry in Basement with cement mortar 1 :6, and hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.. Complete as per the direction of Engineer-in-Charge of the work	Sqm	507.88 .87	1011.96	Rupees Five Thousand Four Hundred Five and Paise Forty Only
10	Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.. Complete as per the direction of Engineer-in-Charge of the work	Sqm	1110.61 1110.85	279.72	Rupees One Hundred Five and Paise Eighty Four Only

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11	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.. Complete as per the direction of Engineer-in-Charge of the work	Cum	9.86 9.85	5716.44	Rupees One Thousand Eleven and Paise Ninety Six Only
12	Providing and fixing M.S. gate as per Chief architect drawing Complete All the steel surface should thoroughly cleaned free of rust and painted with anti compositive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment and electricity charges with lead & lift loading, unloading charges etc.,complete as per specifications. (Data rate). Complete as per the direction of Engineer-in-Charge of the work	Sqm	22.08	12475.00	Rupees Two Hundred Seventy Nine and Paise Seventy Two Only
13	Fabricating, supplying & erecting M.S. angular Truss for all spans as approved de. The entiretruss is anchored in *RCC column* by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification.. Complete as per the direction of Engineer-in-Charge of the work	Kg Cum	1341.00	126.36	*Rupees Five* Thousand Seven Hundred Sixteen and Paise Forty Four Only
14	Providing barbed GI wire fencing of 12x12 gauge drawn into stone pillars or iron pillars including drawing in holes wherever necessary excluding the cost of pillars but including the cost of barbed wire and binding wire etc., complete.. Complete as per the direction of Engineer-in-Charge of the work	Mtr	8000.00	30.24	Rupees Twelve Thousand Four Hundred Seventy Five Only
15	Providing and applying one coat primer of approved brand on wall surface after thoroughly brooming the surface to remove all dirt and other foreign matter etc complete	Sqm	1110.61 1110.85	27.00	Rupees Twenty sevn only
16	Providing and finishing External walls in two coats over one coat of 100% acrylic silicon glaze primer with antifungal paint for coat of approved brand and shade to give an even shade after thouroughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materilas , labour, complete as per specification.. Complete as per the direction of Engineer-in-Charge of the work	Sqm	1110.61 1110.85	163.08	Rupees Three Hundred Sixteen and Paise Forty Four Only

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17	Earth work excavation by manual means in ordinary soil involving an horizontal throw up to 2m and an average lift uo to o.50m excavated surface levelled and sides neatly dressed the disposed earth to be levelled dressed after breaking of clods complete as per the direction of the Engineer incharge of the work.	Cum	2125.55	172.56	Rupees one hundred seventy two and paise fifty six only
18	Compaction of original ground surface with maximum of6 passes 8-10 tonnes capacity power roller including filling in depression occuring during rolling including cost of all labour etc complete as per the direction of the Enginnr incharge of the work.	Sqm	492.99	5.40	Rupees Five and paise fourty only
19	Prrovidding and laying,spreading and compacting stone aggregates to wet mix mecadum specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site ,laying in uniform layers with paver in sub base/base course on wellprepared surface and compacting with vibrator roller to achieve the desired density complete as per specification	Cum	98.60	1801.44	Rupees one thousand eight hundred one and paise fourty four only
20	Providing and applying enamyl metal paint two coats (excluding primer coat) over new steel or other metal surface brushing to give an even shade after cleaning oil or other foreign matter etc complete	Sqm	44.15 44.30	88.56	Rupees eighty eight and paise fifty six only
21	cement concrete pavement construction of unreinforced cement concrete pavement thickness as per design over aprepared subbase with OPC cement or any other type as per clause1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates with super plastisiser@3ltrs conforming to IS9103-1999 Reaffirmed2008 mixed in a concrete mixer ofnot less than0.60cum capacity and appropriate weigh batcher as per approved mix design.laid in approved fixed side form work (steel channel) laying and fixing of125micron thick polythene film wedges, steel plates including levelling the form work asper drawing spreading the concrete with shovels,rackers compacted using needle screed and plate vibrator and finished in a continuos operation including provision of construction, expansion, construction and longitudinal joints joint filler seperation membrane sealent primer,joint sealant, admixture as approved, curing compound finishing lines and grades as per drawing complete as per specification	Cum	73.96	6335.28	Rupees six thosand three hundred thirty five and paise twenty eight only
22	Vaccume dewatering with vaccume pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM ofmachinary,screed vibratory, power Floaterblade and disc etc complete	Sqm	465.69	97.20	"Rupees ninty sevsn and paise twenty only

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23	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine generator & HOM of machinary, including cost of blade ,coolant etc ,including cleaning of groove and providing sand and hot bitumin fillars and fillar metal etc including cost of conveyance etc complete	Rmtr	33.80	124.20	Rupees one hundred twenty four and paise twenty only

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